

# Appendix A

## Abbreviations and Acronyms

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### A

17-AAG	17-allylaminogeldanamycin
ABC	Actions for Building Capacity
A-CASI	Audio Computer Assisted Self Interview
ACTG	AIDS Clinical Trials Group
ACTH	corticotropin
AD	Alzheimer's disease
ADA	American Dental Association
ADH	alcohol dehydrogenase
ADHD	attention-deficit hyperactivity disorder
ADP	adenosine diphosphate
AIDS	acquired immunodeficiency syndrome
AIDS-FIRCA	HIV/AIDS and Related Illnesses Fogarty International Research Collaboration Award
AITRP	AIDS International Training and Research Program
AMAP	Arctic Monitoring and Assessment Program
AMPA	$\alpha$ -amino-3-hydroxy-5-methylisoxazole-4-propionic acid
APLAR	Asia-Pacific League of Associations for Rheumatology
ATM	ataxia-telangiectasia mutated
ATP	adenosine triphosphate
ATPase	adenosine triphosphatase
AZT	zidovudine

### B

BIMAS	Bioinformatics and Molecular Analysis Section
BISED II	Barbados Incidence Study of Eye Disease II
BLSA	Baltimore Longitudinal Study of Aging
BMP	bone morphogenetic protein
BMRI	Baker Medical Research Institute
BSP	bone sialoprotein
BWSTT	body weight-supported treadmill training

### C

CAM	complementary and alternative medicine
CAPI	Computer Assisted Patient Interview
CAPS	Center for AIDS Prevention Studies
CARE	Centre for AIDS for Research and Education
CARMEN Programs	Comprehensive Intervention Programs to Reduce Risk Factors for Non-Communicable Diseases
CBEL	Computational Bioscience and Engineering Laboratory

CBER	Center for Biologics Evaluation and Research
CBT	cognitive-behavioral therapy
CDC	Centers for Disease Control and Prevention
cDNA	complementary DNA
CFTR	cystic fibrosis transmembrane regulation
CHAMP	Chicago HIV Prevention and Adolescent Mental Health Project
CIT	Center for Information Technology
CIVAS	Centralised Intravenous Addictive Services
CMV	cytomegalovirus
COCs	combined estrogen-progestogen oral contraceptives
CODATA	Committee on Data for Science and Technology
CONACYT	Mexican National Council of Science and Technology
COPD	chronic obstructive pulmonary disease
C-POLs	community public opinion leaders
CRADA	Cooperative Research and Development Agreement
CRC	Cancer Research Campaign
CRDF	Civilian Research and Development Foundation
CSR	Center for Scientific Review
CTEP	Cancer Therapy Evaluation Program
CTLs	cytotoxic T lymphocytes
CVD	cardiovascular disease
CWG	Communications Working Group

### D

DAIDS	Division of AIDS
DASPA	Division of Advanced Studies and Policy Analysis
DCB	Division of Computational Bioscience
DDT	dichlorodiphenyltrichloroethane
DESPR	Division of Epidemiology, Statistics, and Prevention Research
DHHS	U.S. Department of Health and Human Services
DIR	Division of Intramural Research
DMA	Dental Manufacturers of America, Inc.
<i>DSM-III-R</i>	<i>Diagnostic and Statistical Manual of Mental Disorders, 3rd edition, revised</i>
<i>DSM-IV</i>	<i>Diagnostic and Statistical Manual of Mental Disorders, 4th edition</i>
DTP	Developmental Therapeutics Program

### E

EGF	epidermal growth factor
e-mail	electronic mail
EMBO	European Molecular Biology Organization

EORTC	European Organization for Research and Treatment of Cancer	HIV	human immunodeficiency virus
EPR	electron paramagnetic resonance	HIV-1	human immunodeficiency virus type 1
e-services	electronic services	HIV-2	human immunodeficiency virus type 2
ESPRIT	Evaluation of Subcutaneous Proleukin in a Randomized International Trial	HIVNET	HIV Network
EST	expressed sequence tags	HLA	human leukocyte antigen
ETEC	enterotoxigenic <i>Escherichia coli</i>	HNPCC	hereditary nonpolyposis colorectal cancer
EULAR	European League Against Rheumatism	HNSCC	head and neck squamous cell carcinoma
EVC	Emerging Viral Diseases Centers	HPA	hypothalamic–pituitary–adrenal
<b>F</b>		HPG	hypothalamus–pituitary–gonadal
FAK	focal adhesion protein tyrosine kinase	HPTCs	HIV/AIDS Prevention Trial Centers
FAS	fetal alcohol syndrome	HPTN	HIV/AIDS Prevention Trials Network
FASEB	Federation of American Societies for Experimental Biology	HPTUs	HIV/AIDS Prevention Trial Units
FDA	U.S. Food and Drug Administration	HPV	human papillomavirus
FDI	Fédération Dentaire Internationale	HTLV	human T-cell leukemia/lymphoma virus
FGF	fibroblast growth factor	HTLV-I	human T-cell leukemia/lymphoma virus type I
FIC	John E. Fogarty International Center for Advanced Study in the Health Sciences	HTLV-II	human T-cell leukemia/lymphoma virus type II
FIOCRUZ	Oswaldo Cruz Foundation	HUGO	Human Genome Organization
FIRCA	Fogarty International Research Collaboration Award	HVTC	HIV/AIDS Vaccine Trial Center
FMF	familial Mediterranean fever	HVTN	HIV/AIDS Vaccine Trials Network
fMRI	functional magnetic resonance imaging	HVTUs	HIV Vaccine Trial Units
FY	fiscal year	<b>I</b>	
<b>G</b>		IADR	International Association for Dental Research
GABA	$\gamma$ -aminobutyric acid	IARC	International Agency for Research on Cancer
GCRC	General Clinical Research Center	ICAR	International Collaboration in AIDS Research
GDNF	glial cell line–derived neurotrophic factor	ICBG	International Cooperative Biodiversity Group
GFP	green fluorescent protein	ICD-10	<i>International Classification of Diseases, 10th revision</i>
GINA	Global Initiative on Asthma	ICD-O	<i>International Classification of Diseases for Oncology</i>
GIS	global information systems	ICD-O-3	<i>International Classification of Diseases for Oncology, 3rd edition</i>
GM-CSF	granulocyte–macrophage colony-stimulating factor	ICDDR	International Center for Diarrheal Diseases Research
GOLD	Global Initiative for Obstructive Lung Disease	ICIDH	<i>International Classification of Impairments, Disabilities, and Handicaps</i>
gp	glycoprotein	ICIDR	International Collaboration in Infectious Disease Research
GPCR	G protein–coupled receptor	ICMRT	International Centers for Medical Research Training
GPP	Graduate Program Partnerships	ICPA	International Cooperative Project Assurance
GR	glucocorticoid receptor	ICTDR	International Centers for Tropical Disease Research
GSF	Forschungszentrum für Umwelt und Gesundheit	Ig	immunoglobulin
GUD	genital ulcer disease	IL	interleukin
<b>H</b>		ILSI	International Life Sciences Institute
HAART	highly active antiretroviral therapy	INC	International Neuroimaging Consortium
HBCUs	Historically black colleges and universities	INDEPTH	International Network of Field Sites With Continuous Demographic Evaluation of Populations and Their Health
HBSC	Health Behavior in School Children		
HBV	hepatitis B virus		
HCV	hepatitis C virus	INSERM	French National Institutes of Health and Research
Health ABC	Health and Body Composition	INVEST	International Visiting Scientists and Technical Exchange
HEV	hepatitis E virus		
HFSP	Human Frontier Science Program	IPCs	injectable progestogen-only contraceptives
HGP	Human Genome Project	IRF	International Research Fellowship
HHV-8	herpesvirus type 8	ITMI	International Training in Medical Informatics

ITREID	International Training and Research Program in Emerging Infectious Diseases	NIA	National Institute on Aging
ITREOH	International Training and Research Program in Environmental and Occupational Health	NIAAA	National Institute on Alcohol Abuse and Alcoholism
<b>J</b>		NIAID	National Institute of Allergy and Infectious Diseases
<i>JNCI</i>	<i>Journal of the National Cancer Institute</i>	NIAMS	National Institute of Arthritis and Musculoskeletal and Skin Diseases
<b>K</b>		NICHD	National Institute of Child Health and Human Development
KAIST	Korea Advanced Institute of Science and Technology	NIDA	National Institute on Drug Abuse
KCS	Kenny-Caffey syndrome	NIDCD	National Institute on Deafness and Other Communication Disorders
KEMRI	Kenya Medical Research Institute	NIDCR	National Institute of Dental and Craniofacial Research
KS	Kaposi's sarcoma	NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases
KSHV	Kaposi's sarcoma-associated herpesvirus	NIEHS	National Institute of Environmental Health Sciences
<b>L</b>		NIGMS	National Institute of General Medical Sciences
L1	LINE-1	NIH	National Institutes of Health
La RHHD	La Red de Habla Hispana en Discapacidades	NIMH	National Institute of Mental Health
LEDB	Laboratory of Epidemiology, Demography, and Biometry	NIMH/ASIST	NIMH AIDS Strategic Intervention Simulation Tool
LMDB	Laboratory of Molecular and Developmental Biology	NINDS	National Institute of Neurological Disorders and Stroke
LPD	Laboratory of Parasitic Diseases	NINR	National Institute of Nursing Research
LSLG	Life Sciences Liaison Group	NIS	Newly Independent States of the Former Soviet Union
<b>M</b>		NLM	National Library of Medicine
MAO	monoamine oxidase	NMR	nuclear magnetic resonance
MAP	mitogen-activated protein	NO	nitric oxide
MECC	Middle East Cancer Consortium	NRSAs	National Research Service Awards
MERC	Middle Eastern Regional Contract	NSF	National Science Foundation
MIM	Multilateral Initiative on Malaria	<b>O</b>	
MIRT	Minority International Research Training	OAR	Office of AIDS Research
MnSOD	manganese-containing superoxide dismutase	OBSSR	Office of Behavioral and Social Sciences Research
MRA	magnetic resonance angiography	ODS	Office of Dietary Supplements
MRC	Medical Research Council	OECD	Organization for Economic Cooperation and Development
MRI	magnetic resonance imaging	OHBM	Organization for Human Brain Mapping
mRNA	messenger RNA	OIA	Office of International Affairs
MS	multiple sclerosis	OIH	Office of International Health
MSCL	Mathematical and Statistical Computing Laboratory	OIR	Office of Intramural Research
MVAC	methotrexate, vinblastine, doxorubicin, and cisplatin	OMIM	Online Mendelian Inheritance in Man
<b>N</b>		OPRR	Office for Protection From Research Risks
NATO	North Atlantic Treaty Organization	ORD	Office of Rare Diseases
NCCAM	National Center for Complementary and Alternative Medicine	ORMH	Office of Research on Minority Health
NCI	National Cancer Institute	ORWH	Office of Research on Women's Health
NCMHD	National Center on Minority Health and Health Disparities	<b>P</b>	
NCRR	National Center for Research Resources	PAHI	Pan American Hypertension Initiative
NEI	National Eye Institute	PAHO	Pan American Health Organization
NGOs	nongovernmental organizations	PAI-1	plasminogen activator inhibitor
NHGRI	National Human Genome Research Institute	PAVE	Preparing for AIDS/HIV Vaccine Evaluation
NHLBI	National Heart, Lung, and Blood Institute	PCBs	polychlorinated biphenyls

PCG primary congenital glaucoma  
 PCR polymerase chain reaction  
 PDQ Physician Data Query  
 PEDF pigment epithelium–derived factor  
 PET positron emission tomography  
 PHC primary hepatocellular carcinoma  
 PHS U.S. Public Health Service  
 P.L. Public Law  
 POL Public Opinion Leader  
 pre-rRNA preribosomal RNA  
 PRISMA Projects in Information, Health, Medicine, and Agriculture  
 PROG Proton Radiation Oncology Group  
 PROVA Program and the Aging Project of the Veneto Region  
 PTSD post-traumatic stress disorder

**R**  
 REM rapid eye movement  
 RFA Request for Applications  
 RIKEN Institute of Physical and Chemical Research  
 RITM Research Institute of Tropical Medicine  
 RNase ribonuclease  
 RPRC Regional Primate Research Center  
 RSS-PCR restriction site–specific polymerase chain reaction

**S**  
 SEER Surveillance, Epidemiology, and End Results  
 SH3 Src homology 3  
 SIV simian immunodeficiency virus  
 SLE systemic lupus erythematosus  
 SLPI secretory leukocyte protease inhibitor  
 SNPs single nucleotide polymorphisms  
 SNU Seoul National University  
 SOCE store-operated calcium entry  
 SPECT single photon emission computed tomography  
 STAT4 signal transducer and activator of transcription 4  
 STDs sexually transmitted diseases  
 SUNY State University of New York  
 SWAN Study of Women’s Health Across the Nation

**T**  
 TBRU Tuberculosis Prevention and Research Unit  
 TDRU Tropical Disease Research Unit  
 TDT terminal deoxynucleotidyl transferase  
 TGF- $\alpha$  transforming growth factor  $\alpha$   
 TGF- $\beta$  tumor growth factor  $\beta$   
 TH1 type 1 helper T cells  
 TMD temporomandibular disorders  
 TMRC Tropical Medicine Research Center  
 TNF tumor necrosis factor  
 TNO the Netherlands Organization for Applied Scientific Research  
 TR thyroid hormone receptor  
 TSH thyrotropin-stimulating hormone  
 TTP tristetrapoline

**U**  
 UCLA University of California, Los Angeles  
 UDP uridine diphosphate  
 UGT uridine diphosphate-glucuronosyltransferase  
 UICC International Union Against Cancer  
 UNAIDS Joint United Nations Program on HIV/AIDS  
 UNESCO United Nations Educational, Scientific, and Cultural Organization  
 USAID U.S. Agency for International Development  
 USDA U.S. Department of Agriculture  
 U.S.-EC U.S.-European Commission  
 USSR Union of Soviet Socialist Republics

**V**  
 VaD vascular dementia  
 VECTOR State Research Center of Virology and Biotechnology  
 VEE Venezuelan equine encephalitis  
 VICH International Cooperation on Harmonization of Technical Requirements of Veterinary Products  
 VRC Vaccine Research Center  
 VRML virtual-reality, machine-language  
 VSAT very small aperture terminal

**W**  
 WHL World Hypertension League  
 WHO World Health Organization  
 WHO DAS II WHO Disability Assessment Schedule II